

## CLAIM AMENDMENTS

1           1. (currently amended) A ~~junction-system~~ joint assembly  
2 for joining a filiform element to a connection element,  
3 ~~characterized in that it has~~ the assembly comprising  
4           a ~~tubular-element~~ tube fitted on an end section of said  
5 filiform element and ~~substantially having~~ formed with an eye for  
6 hooking said connection element, the filiform element consisting of  
7 a single composite round bar ~~strand mating with ; and~~  
8 means for bonding together the ~~tubular-element~~ tube and  
9 the connection along [[a]] continuous side contacting surfaces  
10 thereof.

1           2. (currently amended) The ~~junction-system~~ joint  
2 assembly according to claim 1, ~~characterized in that wherein~~ said  
3 ~~tubular-element~~ tube and said eye are made in a single piece.

1           3. (currently amended) The ~~junction-system~~ joint  
2 assembly according to claim 2, ~~characterized in that wherein~~ said  
3 ~~tubular-element~~ tube and said eye are [[made]] separate [[ly]]  
4 pieces.

1           4. (currently amended) The ~~junction-system~~ joint  
2 assembly according to claim 3, ~~characterized in that wherein~~ said  
3 ~~tubular-element~~ tube has a curved section defining said eye, and at

4 least a first substantially straight section distal from ~~the head~~  
5 an outer end of said end section of said filiform element.

5. (canceled)

1 6. (currently amended) The ~~junction-system joint~~  
2 assembly according to claim 1 ~~5, characterized in that wherein~~ said  
3 means for bonding said ~~tubular element~~ tube to said filiform  
4 element comprises an adhesive or a chemical bond between said  
5 ~~tubular element~~ tube and said filiform element.

1 7. (currently amended) The ~~junction-system joint~~  
2 assembly according to claim 4, ~~characterized in that wherein~~ said  
3 first straight section of said ~~tubular element~~ tube has a  
4 predetermined length such that the tensile stress force is at least  
5 partially ~~or completely~~ transferred from said filiform element to  
6 said ~~tubular element~~ tube in correspondence with along said first  
7 straight section of said ~~tubular element~~ tube.

1 8. (currently amended) The ~~junction-system joint~~  
2 assembly according to claim 4, ~~characterized in that wherein~~ said  
3 ~~tubular element~~ tube has a second substantially straight section  
4 proximal to the ~~[[head]]~~ outer end of said end section of said  
5 filiform element.

9. (canceled)

1                   10. (currently amended) The ~~junction-system joint~~  
2 assembly according to claim 1, ~~characterized in that wherein~~ a  
3 matrix of said filiform element of composite material is  
4 thermoplastic.

11. (canceled)

1                   12. (currently amended) The ~~junction-system joint~~  
2 assembly according to claim 1, ~~characterized in that wherein~~ said  
3 ~~tubular element~~ tube is steel.

13 - 14. (canceled)

1                   15. (currently amended) The ~~junction-system joint~~  
2 assembly according to claim 1, ~~characterized in that wherein~~ said  
3 filiform element has a protective coating against ultraviolet rays,  
4 ~~and/or~~ against attacks of chemical nature, ~~and/~~ or against damage  
5 of mechanical origin.

1                   16. (currently amended) The ~~junction-system joint~~  
2 assembly according to claim 1, ~~characterized in that wherein~~ said  
3 filiform element ~~[[and/]]~~ or said protective coating ~~[[have]]~~ has  
4 a predetermined coloration for identifying the diameter of said  
5 filiform element ~~[[and/]]~~ or for visually indicating said filiform  
6 element.

1                   17. (currently amended) The junction-system joint  
2 assembly according to claim 1, ~~characterized in that wherein~~ said  
3 filiform element or said protective coating [[have]] has length  
4 markers for facilitating measurement of said filiform element  
5 during ~~the making manufacture~~ of the junction-system joint  
6 assembly.

1                   18. (currently amended) The junction-system joint  
2 assembly according to claim 1, ~~characterized in that it has further~~  
3 comprising  
4 means [[of]] for locking ~~said eye's closing the eye~~  
5 closed.

1                   19. (currently amended) The junction-system joint  
2 assembly according to claim 18, ~~characterized in that wherein~~ said  
3 locking means are formed by a ring applied around the neck of said  
4 eye.

1                   20. (currently amended) The junction-system joint  
2 assembly according to claim 1, ~~characterized in that wherein~~ said  
3 ~~tubular element tube~~ has flared end edges.

1                   21. (currently amended) The junction-system joint  
2 assembly according to claim 1, ~~characterized in that it has further~~  
3 comprising

4                   removable connection means between said ~~tubular element~~  
5     tube and said eye.

1                   22. (currently amended) The ~~junction-system joint~~  
2     assembly according to claim 21, ~~characterized in that wherein~~ said  
3     connection means comprise a threaded stem ~~[[which]]~~ that extends  
4     from said eye and screws into a first end of said ~~tubular element~~  
5     tube.

1                   23. (currently amended) The ~~junction-system joint~~  
2     assembly according to claim 21, ~~characterized in that further~~  
3     comprising  
4                   a ~~n-antiunthreading~~ retaining element adapted to prevent  
5     ~~the unthreading of said the~~ filiform element from pulling out of a  
6     second end of said ~~tubular element~~ tube.

1                   24. (currently amended) The ~~junction-system joint~~  
2     assembly according to claim 23 ~~characterized in that said anti-~~  
3     ~~unthreading wherein the~~ retaining element consists of a pin  
4     inserted axially ~~in correspondence with the~~ outer end of said  
5     filiform element positioned in said ~~tubular element~~ tube, and  
6     having a maximum cross section greater than ~~[[the]]~~ an internal  
7     clearance of said ~~tubular element~~ tube.

1                   25. (currently amended) The junction-system joint  
2 assembly according to claim 23, ~~characterized in that wherein~~ said  
3 pin is conical or frustoconical.

1                   26. (currently amended) The junction-system joint  
2 assembly according to claim 23, ~~characterized in that wherein~~ said  
3 filiform element is of composite thermoplastic material, ~~directly~~  
4 ~~or indirectly~~ heatable to a softening temperature adapted to permit  
5 the penetration of ~~said anti-unthreading~~ the retaining element.

1                   27. (currently amended) The junction-system joint  
2 assembly according to claim 1, ~~characterized in that it presents~~  
3 further comprising

4                   means [[of]] for screw connection between the outer side  
5 surface of said end section of said filiform element and the inner  
6 side surface of said ~~tubular element~~ tube.

28 - 29. (canceled)

1                   30. (currently amended) A procedure for joining a  
2 filiform element to a connection element, ~~characterized in that~~  
3 comprising the steps of  
4 fitting a tube is fitted tube on an end section of said  
5 filiform element,

6            shaping said ~~tube-shaped~~ tube such that it defines an eye  
7    adapted to be hooked by said connection element, the filiform  
8    element being a composite round bar strand, heated  
9            simultaneously heating the strand with the tubular  
10 ~~element~~ tube to a predetermined temperature at which both become  
11 malleable in order to be shaped to define the eye.

31. (canceled)

1            32. (currently amended) The procedure for achieving a  
2    system of junction of a filiform element to a connection element  
3    according to ~~any one preceding claim 30, further comprising the~~  
4    step of, characterized in that it joins  
5            joining said filiform element to said ~~tubular element~~  
6    tube in order to transfer the tensile stress load from one to the  
7    other.

1            33. (currently amended) A kit for achieving a system of  
2    junction of a filiform element to a connection element, the kit  
3    comprising ~~, characterized in that one said~~  
4    \_\_\_\_\_ a filiform element, resistant to tensile stress, of  
5    thermoplastic composite material, ~~one tube to fit~~  
6            a tube fittable on an end section of said filiform  
7    element, and  
8            a device for ~~folding said tube having~~ bending the tube  
9    including means ~~[[of]]~~ for heating adapted to simultaneously heat

10 said filiform element and said ~~tubular element~~ tube to a  
11 predetermined temperature in which said filiform element and said  
12 ~~tubular element~~ tube become malleable, in order to be shaped such  
13 to substantially define a hooking eye to said connection element.

1 34. (currently amended) A method for reducing the  
2 aerodynamic resistance of a filiform element subject to a fluid  
3 flux of variable direction, ~~characterized in that attached~~  
4 comprising the step of  
5 attaching along at least one section of said filiform  
6 element ~~[[is]]~~ at least one element with highly aerodynamic wing  
7 profile, supported and freely rotating around said filiform element  
8 such that it orients itself in the flux direction which impacts it.

1 35. (currently amended) A device for reducing the  
2 aerodynamic resistance of a filiform element subject to a fluid  
3 flux of variable direction, ~~which is characterized in that it~~  
4 ~~comprises~~ the device comprising  
5 at least one highly aerodynamic wing element attached  
6 along at least one section of said filiform element and supported  
7 and freely rotating around said filiform element such that it  
8 orients itself in the flux direction which impacts it.

1 36. (currently amended) The device according to claim  
2 ~~35, characterized in that it is in the form of wherein the device~~  
3 is shaped like a wing-shaped foil ~~[[,]]~~ having elastically ~~piiable~~



4     deformable opposing edges for [[the]] snap-lock introduction of  
5     said filiform element inside said element with aerodynamic profile.

1                     37. (currently amended) The device according to claim  
2     ~~35, characterized in that~~ wherein it is ~~formed in a~~ plastic  
3     extrusion.

1                     38. (currently amended) The device according to claim  
2     ~~36, characterized in that~~ wherein said foil has at least a first  
3     extension projecting from the inner surface in order to join said  
4     foil to a precise point on the longitudinal length of said filiform  
5     element.

1                     39. (currently amended) The device according to any  
2     claim ~~36, characterized in that~~ wherein said foil has a plurality  
3     of extensions projecting from its inner surface in order to join  
4     said foil to a precise point on the longitudinal length of said  
5     filiform element having substantially smaller diameter than that of  
6     the maximum chord of the curved part of said foil.

40. (canceled)